

# EUROPEAN PATENT OFFICE

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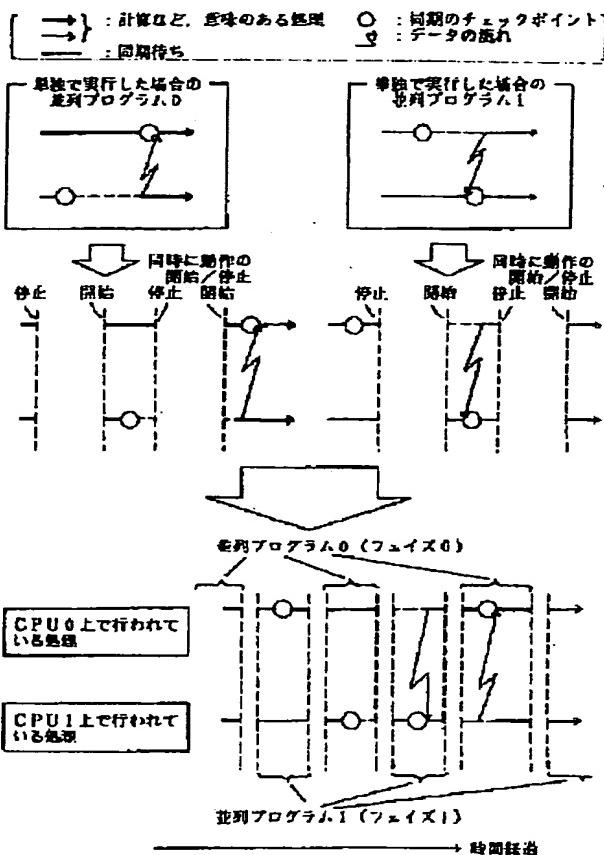
INT.CL. : G06F 9/46 G06F 15/16

TITLE : METHOD AND DEVICE FOR SCHEDULING PROCESS AND PROGRAM STORAGE MEDIUM

**ABSTRACT :** PROBLEM TO BE SOLVED: To prevent the efficiency of a system from being dropped when parallel processes and other processes are time-dividedly driven by the same processor.

SOLUTION: In the case of time-dividedly executing parallel processes of a parallel program to be driven by plural processors (CPUs) and other processes (e.g. parallel processes of a parallel program 1), the operation of each phase in each of the parallel processes of one parallel program is simultaneously started by its execution processors (CPU 0 and CPU 1) and the operation is simultaneously stopped by respective processors (CPU 0, CPU 1) to transfer a using right to another process. The allocation of an execution process of the parallel program is executed in each phase, and in the case of starting or stopping an operation, the execution priority of an objective process is changed in each phase.

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